1.

$$\frac{6}{16} = \frac{3}{8}$$ $$\frac{10}{16} = \frac{5}{8}$$ $$\frac{12}{18} = \frac{2}{3}$$ $$\frac{12}{18} = \frac{10}{15} = \frac{8}{12} = \frac{6}{9} = \frac{4}{6} = \frac{2}{3}$$

2.

| 4 | | 2 | | 6 | | 6 |

3.

Family 1 $$\frac{3}{6} = \frac{6}{12} = \frac{9}{18} = \frac{18}{36}$$ Family 2 $$\frac{2}{6} = \frac{4}{12} = \frac{6}{18} = \frac{12}{36}$$

Family 3 $$\frac{1}{6} = \frac{2}{12} = \frac{3}{18} = \frac{6}{36}$$ Family 4 $$\frac{5}{6} = \frac{10}{12} = \frac{15}{18} = \frac{30}{36}$$

Blue $$\frac{3}{18} = \frac{6}{18} = \frac{9}{18} = \frac{15}{18}$$ Green $$\frac{6}{36} = \frac{12}{38} = \frac{18}{36} = \frac{30}{36}$$

Red $$\frac{1}{6} = \frac{2}{6} = \frac{3}{6} = \frac{5}{6}$$ Yellow $$\frac{2}{12} = \frac{4}{12} = \frac{6}{12} = \frac{10}{12}$$

4.

	Cups	Full Bottles
Cherry Juice	13	2
Orange Juice	21	3
Apple juice	15	2

5.

Margarita $$\frac{2}{8} + \frac{1}{8} + \frac{5}{8} + \frac{2}{8} + \frac{2}{8} + \frac{3}{8} + \frac{1}{8} + \frac{2}{8} + \frac{4}{8} + \frac{2}{8} + \frac{2}{8} + \frac{6}{8} = \frac{32}{8} \quad 4 \text{ pizzas}$$

Pepperoni $$\frac{2}{8} + \frac{1}{8} + \frac{4}{8} + \frac{2}{8} + \frac{2}{8} + \frac{5}{8} + \frac{2}{8} = \frac{18}{8} \quad 2\frac{2}{8} \text{ pizzas}$$

Hawaiian $$\frac{3}{8} + \frac{1}{8} + \frac{4}{8} + \frac{4}{8} + \frac{2}{8} + \frac{3}{8} = \frac{17}{8} \quad 2\frac{1}{8} \text{ pizzas}$$

Chicken $$\frac{2}{8} + \frac{2}{8} + \frac{3}{8} + \frac{3}{8} + \frac{2}{8} = \frac{12}{8} \quad 1\frac{4}{8} \text{ pizzas}$$

Total $$4 + 2\frac{2}{8} + 2\frac{1}{8} + 1\frac{4}{8} = 9\frac{7}{8} \text{ pizzas}$$